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1/2

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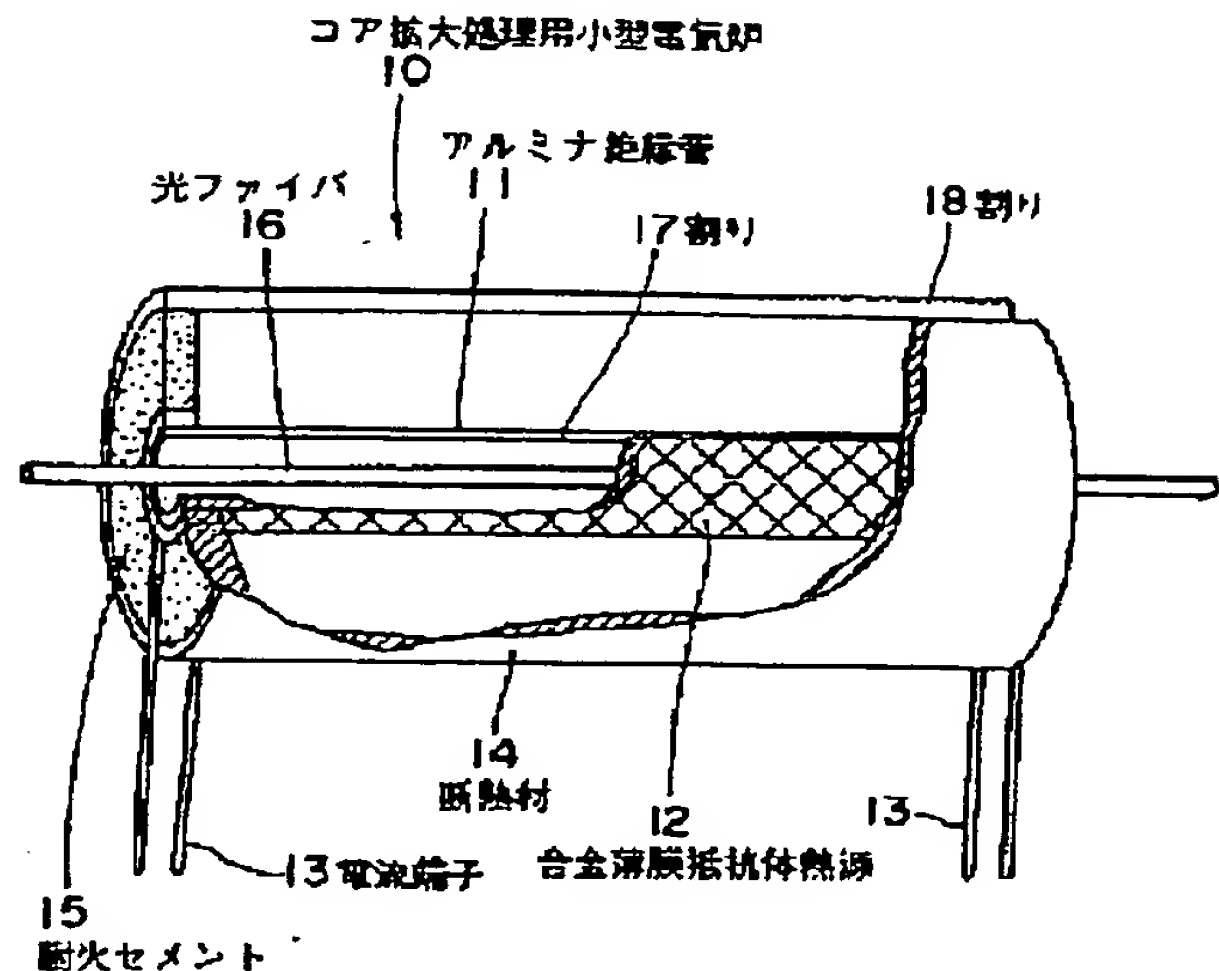
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APPLICANT : NIPPON TELEGR & TELEPH CORP
<NTT>;

INVENTOR : HIRAYAMA MAMORU;

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TITLE : PRODUCTION OF CORE EXPANDING
OPTICAL FIBER



ABSTRACT : PURPOSE: To provide the process for production of the core expanding optical fiber which is produced by an optical fiber to be used as a light transmission path and is used for connection between different optical fibers, connection between optical parts and the optical fiber, etc.

CONSTITUTION: A small-sized electric oven 10 is used as a heating means and the optical fiber is heat treated by setting the max. temp. near the center of the oven 10 of the optical fiber at 1500 to 1700°C and the temp. at both ends of the oven at ≤900°C at the time of producing the core expanding optical fiber constituted by diffusing, under heating, a doping agent added to the optical fiber 16 for the purpose of forming the core thereof.

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SEARCH REPORT